

Application/Control Number: 10/784,416
Art Unit: 3733

What is Claimed is:

1. (Currently Amended) An implantable surgical device having a deployed shape and an undeployed shape, said device comprising:
 - a. an elongated flexible inflatable portion; and
 - b. an elongated flexible and substantially inextensible band portion having a distal end, a proximal end and a longitudinal axis therebetween, said band portion being attached to said inflatable portion along an inner face thereof, wherein when said device is in its undeployed shape ~~at least a portion of said band portion~~ has a concave cross section along a majority of its longitudinal axis, taken perpendicular to said longitudinal axis.
2. (Original) The device of claim 1 wherein said inflatable portion and said band portion are integrally manufactured as one part.
3. (Original) The device of claim 1 wherein said band portion in its deployed shape has a substantially flat cross section, taken perpendicular to said longitudinal axis.
4. (Original) The device of claim 1 wherein said band portion is at least partially made from at least one of silicone and polyurethane.
5. (Original) The device of claim 1 further comprising a means for attaching said distal and proximal ends of said band together.

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6. (Original) The device of claim 1 further comprising an injection port in fluid communication with said inflatable portion.
7. (Currently Amended) An implantable surgical device having a deployed shape and an undeployed shape, said device comprising:
 - a. an elongated flexible band portion having a distal end, a proximal end and a longitudinal axis therebetween, wherein when said device is in its undeployed shape ~~at least a portion of~~ said band portion has a concave cross section along a majority of its longitudinal axis, taken perpendicular to said longitudinal axis; and
 - b. a means for attaching said distal and proximal ends of said band together.
8. (Original) The device of claim 7 wherein said band portion in its deployed shape has a substantially flat cross section, taken perpendicular to said longitudinal axis.
9. (Original) The device of claim 7 wherein said band portion is at least partially made from at least one of silicone and polyurethane.
10. (Currently Amended) An implantable surgical device having a deployed shape and an undeployed shape, said device comprising:
 - a. an elongated flexible inflatable portion;
 - b. an elongated flexible and substantially inextensible band portion having a distal end, a proximal end and a longitudinal axis therebetween, said band portion being attached to said inflatable portion along an inner face thereof, wherein when said device is in its undeployed shape ~~at least a portion of~~ said

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band portion has a concave cross section along a majority of its longitudinal axis, taken perpendicular to said longitudinal axis;

- c. a means for attaching said distal and proximal ends of the band together; and
 - d. an injection port in fluid communication with said inflatable portion.
11. (Original) The device of claim 10 wherein said inflatable portion and said band portion are integrally manufactured as one part.
12. (Original) The device of claim 10 wherein said band portion in its deployed shape has a substantially flat cross section, taken perpendicular to said longitudinal axis.
13. (Original) The device of claim 10 wherein said band portion is at least partially made from at least one of silicone and polyurethane.